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**From:** Robinson, Valois [Robinson.Valois@epa.gov]  
**Sent:** 4/10/2020 11:21:32 PM  
**To:** Arnold, Rick [Arnold.Rick@epa.gov]  
**Subject:** NRC Safety Evaluation Report  
**Attachments:** SER\_April2014\_ML14043A347.pdf

The NRC Safety Evaluation Report is attached.

5.7.9.3.1 Commission-Approved Background Well Sampling – Production Zone

The applicant will undertake background groundwater sampling to establish the Commission-approved background (CAB) concentrations per 10 CFR Part 40, Appendix A, Criterion 5B(5).

CAB sampling will consist of collecting groundwater samples from a subset of wells in the production zone that will later serve as extraction wells (Powertech, 2011a). Such subsets will consist of at least 1 well per 1.6 ha (4 ac) of wellfield patterns or 6 wells, whichever is greater. In cases of wellfields smaller than 2.4 ha (6 ac), CAB wells will be spaced at 1 well per 0.4 ha (1 ac). The applicant will collect 4 samples from each well at least 14 days apart, and the samples will be analyzed for the parameters listed in Table 5.7-2 (Powertech, 2011a).

*Valois*

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